

Title (en)

HEAVE STABILIZED BARGE SYSTEM FOR FLOATOVER TOPSIDES INSTALLATION

Title (de)

AUFBRUCHSTABILISIERTES BARKASSENSYSTEM FÜR EINE FLOATOVER-INSTALLATION

Title (fr)

SYSTÈME DE BARGE STABILISÉE EN PILONNEMENT POUR INSTALLATION D' UVRES MORTES FLOTTANTES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011028568A1] The present invention increases the heave resistance rate of a barge system from wave motion, as the system is used to install a topsides to offshore structures. One or more heave plates can be coupled at a location below the water surface to one or more barges to change the period of motion of the barge(s) relative to the period of wave motion to better stabilize the barge(s) and resist the heave. A heave plate can be coupled between the barges, or on end(s) or side(s) of the barge(s). In at least another embodiment, each barge can have a heave plate and the heave plates can be releasably coupled to each other. Further, the heave plate can be rotated to an upward orientation during transportation of the topsides to the installation site to reduce drag, and then rotated to a submerged position during the installation of the topsides.

IPC 8 full level

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